Applications Programming Spoofy

Spoofing

A "spoof" is a fake solu   est cases.

E.g.1

Specification: The rainfall for 4 consecutiv   1mm, 107mm, 87mm, 120mm. Show the total rainfall for the period.

Valid solution

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```
double[] rainfall                          };
double sum = 0.0;  https://eduassistpro.github.io/
for (int i = 0; i < rainfall; i
    sum += rainfall; Add WeChat edu_assist_pro
}
System.out.println("Total rainfall = " + sum);
```

Spoof solution

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```
System.out.printl                              .75");

:)
```

https://eduassistpro.github.io/

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Spoof

A "spoof" also refers t   the problem.

E.g.2 Overusing boolean

Specification: Enroll a student to a class, output "No such activity" if the class name is not correct; output "No available seats" if the class is full.

Valid solution

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```
void enroll(String group,
        if (activities.si
                Syst        https://eduassistpro.github.io/

        else {
                                Add WeChat edu_assist_pro
                ...................
                System.out.println("No available seats");

        }
}
```

Spoof solution

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```
void enroll(String grou
    boolean success  https://eduassistpro.github.io/
    boolean exist = false;
        ...........        Add WeChat edu_assist_pro
            ................
    if (! exist) System.out.println("No such activity");
        else if (! success) System.out.println("No available seats");
}
```

Spoof

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A "spoof" case of exp   lating design principles
will be considered ch   https://eduassistpro.github.io/   the marked as "0" and
reported as misconduct.

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E.g. 3 Violating design principle

Spoof solution

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```
public static void main(String args[]){
        char choice;
        while( choice!='x' ){
        if(uni.loggedin==null){
                switch(ch
                default:
                uni.help();
                break;
                case 'a':
                int number = promptNumber();
                if(uni.studentids.containsKey(number)){
                out.println("Student number already exists");
                break;
                }
                break;
        …… ……
}
```

Penalty for Spoofing

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- Lab penalty

  A spoof on any as https://eduassistpro.github.io/

- Assignment penalty

  A spoof on a task which marks at Add WeChat edu_assist_pro

- Special software

  is used to find a spoof, and to find Academic Misconduct.